# Intelligent Hotplate Stirrer LX904IHS

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## Description

Intelligent Hotplate Stirrer LX904IHS is a ceramic top hotplate stirrer with a stirring range of 100 ~1500rpm. Features a stirring capacity for flasks ranging from 50-2000ml. Designed with PID controlled temperature of 400°C for uniform heat distribution. It offers digital temperature control and an outer thermocouple that measures and controls the liquid temperature value together with the front panel. The inner thermocouple, controls and measures the hotplate stirrer temperature.

## Specifications

| | |
|---|---|
| **Max stirring volume** | 3 x 50ml - 2,000ml |
| **Max temperature for top plate** | RT~330°C |
| **Temperature control** | PID |
| **Top plate dimension** | 140 x 140 mm |
| **Temperature range for machine** | Ambient to 400°C |
| **Temperature display (°C)** | LED digital display |
| **Temperature accuracy** | +/- 1°C |
| **Thermocouple probe / Sensor type** | Thermocouple with PT100 |
| **Working stir speed** | 100 - 1,500 rpm |
| **Stir speed accuracy** | +/-1 rpm |
| **Permissible ambient temperature** | 40°C |
| **Heating power** | 1350 W |
| **Voltage** | 220V, or 110 - 130V |
| **Packing dimension (L × W × H)** | 1050 x 300 x 200 mm |
| **Gross weight** | 16 kg |

## Features

- Reliable and easy to operate
- Equipped with digital LED display and PID auto control system
- It has PT100 sensor with thermocouple

- Ceramic coated aluminum heating plate for heat distribution and corrosion resistance
- Adjustable temperature and rotation speed
- The shell material is aluminum alloy
- Having 3 - position intelligent hotplate stirrer for easy testing

## Applications

- Used to uniformly heat samples and homogenized samples or solutions.

## Standard Accessories

| Accessories No. | Specifications |
|---|---|
| 1 | Removable holder x 3 Pcs, Length: 500mm, Diameter: 10mm, Material: Stainless steel |
| 2 | Clamp with screw x 3 Pcs |
| 3 | Inner thermocouple (4-spin) x 3 Pcs |
| 4 | Outer thermocouple x 3 Pcs |
| 5 | Magnetic stir bar x 3 Pcs |
| 6 | 4 prong stainless steel clamp opens to 3 1/2” x 3 Pcs |

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